



Generac power cell cost comparison

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The Generac PWRcell costs \$12,000 to \$20,000 on average installed, depending on the capacity. The PWRcell--pronounced "power cell"--is a home battery that stores energy generated by a solar panel system to provide 9 to 18 kWh of backup power in an outage.

Generac PWRcell prices start at \$10,000 for the 9 kWh base model, not including installation or solar panels. Larger PWRcell systems cost \$12,000 to \$17,000+ for the unit alone, depending on the capacity.

Labor to install a Generac PWRcell solar system costs \$2,000 to \$3,000 on average. Labor costs increase for systems requiring multiple battery cabinets or additional components.

Lithium-ion battery - The PWRcell is a lithium-ion battery, featuring the same nickel manganese cobalt (NMC) battery chemistry used in the Tesla Powerwall and LG Chem RESU.

EX vs. DCB models - The PWRcell is available in two models, the EX with a maximum operating temperature of 14? to 122? F and the DCB with a maximum operating temperature of 41? - 113? F.

Generac's PWRmanager costs \$1,000 to \$1,100 and provides intelligent load management, allowing you to prioritize specific appliances and devices. The PWRmanager can control up to twelve circuits--including 120V and 240V--and replaces the need for multiple Smart Management Modules (SMMs).

Using the PWRview app, you can reprioritize appliances as needed. PWRview provides comprehensive home energy monitoring, including a live view of your home's energy sources and costs, energy usage tracking, bill forecasting, and weather monitoring to prompt your PWRcell system to charge the battery before a storm.

The Generac PWRcell has one of the highest round-trip efficiency ratings available in a solar battery, but its Depth of Discharge is lower than most other brands.

Round-trip efficiency - The PWRcell has a round-trip efficiency of 96.5%. Round-trip efficiency is the percentage of energy stored in the battery that can be retrieved later. A high round-trip efficiency means less energy is lost in the storage and transfer process.

Depth of Discharge (DoD) - The PWRcell's Depth of Discharge is 84%. The DoD is the maximum percentage of stored energy the battery can discharge relative to the total capacity. A 9 kWh PWRcell can discharge 7.56 kWh before requiring a recharge.

The inverter's maximum power output rating limits the amount of power the home can draw from the



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battery at any given time. When installing multiple batteries to power more appliances and devices, confirm the inverter can handle the combined output of all the batteries.

The Generac PWRcell comes with a 10-year warranty for the battery cabinet, modules, inverter and PWRmanager unit. Additional components like the PV Link and SnapRS come with a 25-year warranty, while the Smart Management Module has a 5-year limited warranty.

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